

INTD 211

Rendering and Visual Presentation for Interior Design

3 Credits

Community College of Baltimore County

Common Course Outline

Description

INTD 211 – Rendering and Visual Presentation for Interior Design: introduces the artistic techniques of architectural rendering and visual presentations for the interior design profession. Course work emphasizes advanced sketching and perspective skills, rendered drawings to address lighting, coloring, material textures, architectural details and furnishings. Three-dimensional modeling and digital rendering will be explored.

Pre-requisites: (ARTD 111 or ARTD 129) and INTD 111

Overall Course Objectives

Upon completion of this course, students will be able to:

1. apply the principles of one-point and two-point perspective;
2. prepare color renderings utilizing a variety of materials and approaches;
3. employ rendering techniques to define: light, shadow, textures, and material characteristics;
4. create orthographic, paraline, and perspective drawings;
5. define color properties (hue, value, intensity);
6. create harmonious color schemes for interior designs;
7. achieve spatial effects in original well-balanced designs using intensity and warm or cool colors;
8. differentiate between additive (light) and subtractive (pigment) distinguish color modes;
9. construct digital three-dimensional interior models;
10. apply textures and images to digital models to accurately convey material characteristics;
11. determine effective perspective angles to best communicate design intent;
12. apply basic graphic art techniques to create effective visual presentations;
13. compare manual and digital rendering techniques; and
14. apply basic graphic art techniques to create an organized portfolio collection of course work.

Major Topics

- I. Design methodology and presentation
- II. Drawing and sketching
- III. Perspectives
 - a. One-point
 - b. Two-point
- IV. Analog (hand) rendering
 - a. Color Theory

The Common Course Outline (CCO) determines the essential nature of each course.

For more information, see your professor's syllabus.

- b. Color harmonies
 - c. Additive versus subtractive
 - d. Color Formats: RGB, CMYK, HEX, PMS
- V. Techniques
 - a. Pencils and lead holders
 - b. Artistic colored pencils
 - c. Chisel-point-colored markers
- VI. Media
 - a. Types of papers
 - b. Printing techniques
- VII. Application
 - a. Orthographic construction drawings (plan, elevation)
 - b. Parallel drawing (perspective, isometric, axonometric)
 - c. Material and finish property representation
 - d. Light, shadow, and shading
 - e. Using a grid to enlarge or reduce from an image
 - f. Creating a grid to accurately represent perspective from orthographic drawings (construction documents)
- VIII. Digital rendering
 - a. Digital techniques
 - i. Slide apps
 - ii. Poster apps
 - iii. Scanning and photographing
 - iv. Manipulation of images and renderings
 - v. Three-dimensional digital modeling apps
 - b. Three-dimensional modeling
 - i. Sketchup application interface tools
 - ii. Groups and components
 - iii. 3-D modeling best practices
 - iv. Camera angles for effective perspectives
 - v. Rendering models
 - 1. plugins and extensions
 - 2. stand-alone rendering apps
 - 3. AI rendering
- IX. Basic graphic arts techniques for effective visual presentations
 - a. Proximity
 - b. White space
 - c. Color
 - d. Contrast
 - e. Emphasis
 - f. Text
 - g. Font selection

Course Requirements

Grading will be determined by the individual faculty member, but shall include the following, at minimum:

- one slide presentation

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- poster presentation
- value study in grey scale
- perspective color rendering from hand-drafted construction documents
- digital model with rendered perspectives
- portfolio of class work

Written assignments and research projects: Students are required to use appropriate academic resources in their research and cite sources according to the style selected by their professor.

Other Course Information

This course is required for the AAS and certificate in Interior Design.

Individual faculty members may include additional course objectives, major topics, and other course requirements to the minimum expectations stated in the Common Course Outline.

Date Revised: 2/3/2026